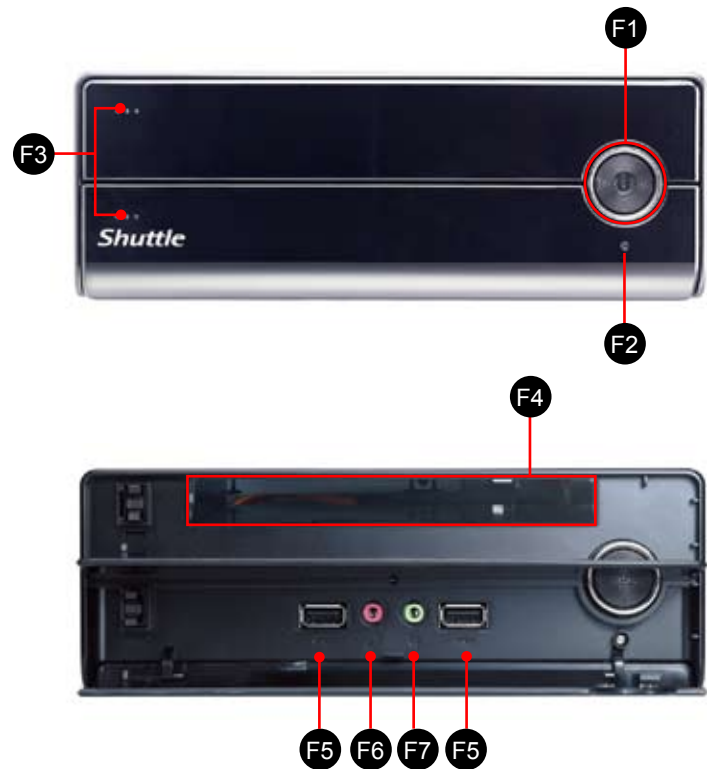


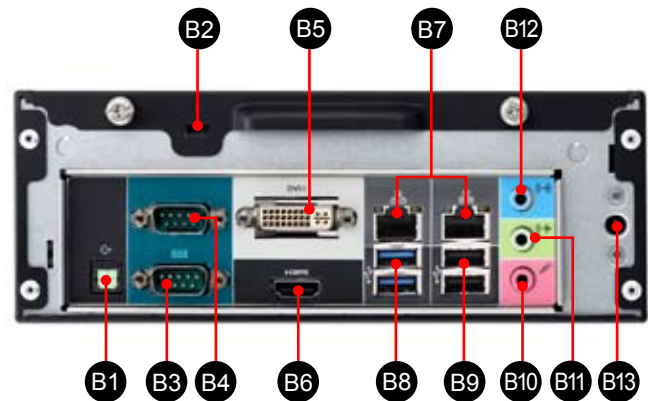
XH61V Quick Guide 【English】

Front Panel



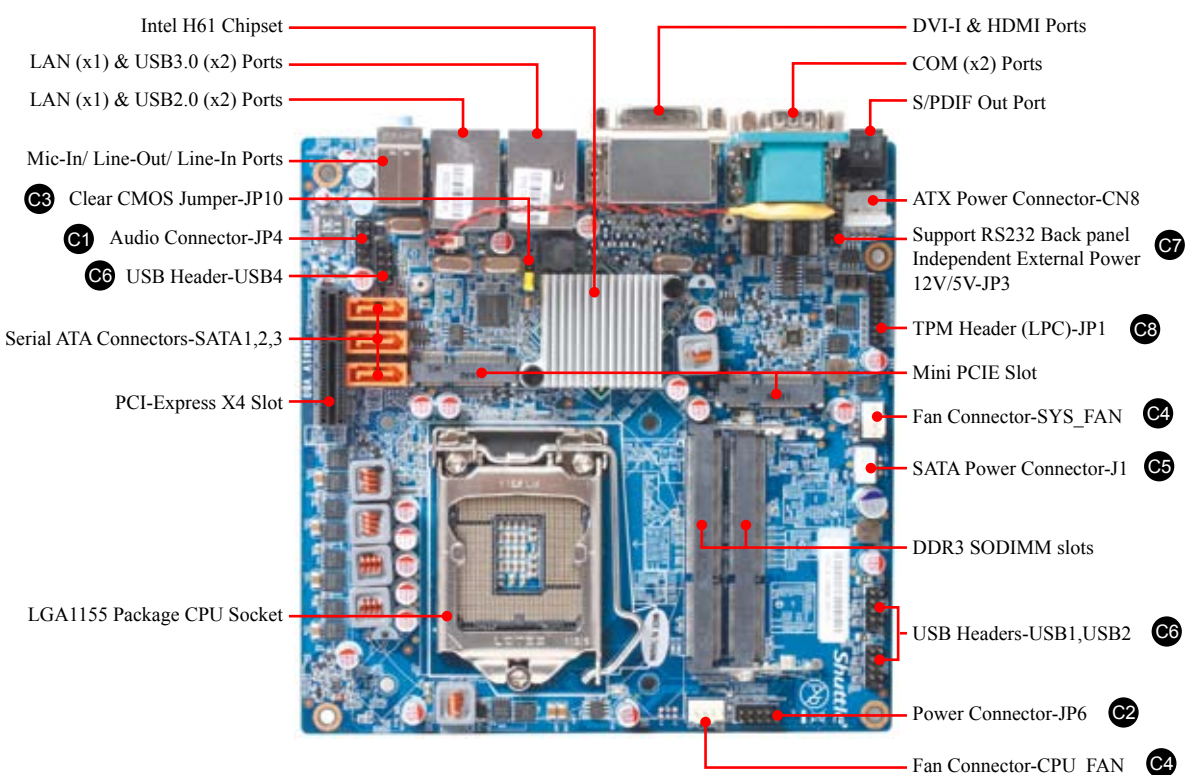
- F1. Power Switch / Power LED
- F2. HDD LED
- F3. ODD and Front I/O Bay
- F4. Slim ODD Bay
- F5. USB2.0 Ports
- F6. Mic-In
- F7. Headphone

Back Panel



- B1. S/PDIF Out Port
- B2. Kensington® Lock Port
- B3. COM1 Port (RS232/RS422/RS485)
- B4. COM2 Port (RS232)
- B5. DVI-I Port
- B6. HDMI Port
- B7. LAN Ports
- B8. USB3.0 Ports
- B9. USB2.0 Ports
- B10. Mic-In Port
- B11. Line-Out Port
- B12. Line-In Port
- B13. DC Power Port

Motherboard Illustration

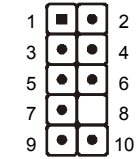


Jumper Settings

C1 Audio Connector

Pin Assignments (JP4):

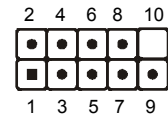
- 1=MIC2_L
- 2=AGND
- 3=MIC2_R
- 4=FRONT-JD
- 5=LINE2-R
- 6=SENSE1_RETURN
- 7=FRONT_SENSE
- 8=KEY
- 9=LINE2-L
- 10=SENSE2_RETURN



C2 Power Connector

Pin Assignments (JP6):

- 1=+HD_LED
- 2=PWR_LED
- 3=-HD_LED
- 4=GND
- 5=RST_SW
- 6=PWR_SW
- 7=GND
- 8=GND
- 9=NC
- 10=KEY



C3 Clear CMOS Jumper

Pin Assignments (JP10):

- 1=UL_BAT_PWR
- 2=-RTCRST
- 3=-RTCBTN

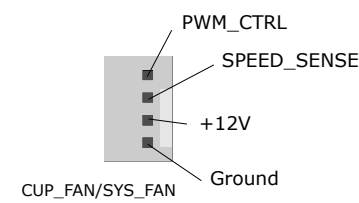


Pin1-2 (BAT_POWER Mode)



Pin2-3 (Clear CMOS Mode)

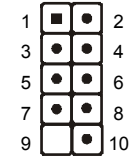
C4 FAN Connectors



C6 USB Headers

Pin Assignments (USB1/USB2/USB4):

- 1=5V_USB
- 2=5V_USB
- 3=USB A-
- 4=USB B-
- 5=USB A+
- 6=USB B+
- 7=GND
- 8=GND
- 9=NC
- 10=NC

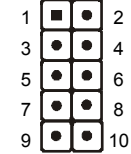


C7 Support RS232 Back panel Independent External Power 12V / 5V

JUMP1 Connector Pin 1 and Pin 2 = RI1 Signal.
JUMP2 Connector Pin 3 and Pin 4 = RI2 Signal.
IF JUMP1 Connector Pin 5 and Pin 7 = RI1 is +5V
IF JUMP2 Connector Pin 6 and Pin 8 = RI2 is +5V
IF JUMP1 Connector Pin 7 and Pin 9 = RI1 is 12V
IF JUMP2 Connector Pin 8 and Pin 10 = RI2 is 12V

Pin Assignments (JP3):

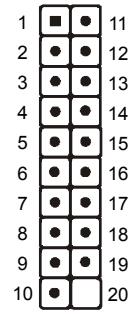
- 1=-XRI1
- 2=COM_-XRI1
- 3=-XRI2
- 4=COM_-XRI2
- 5=+5V
- 6=+5V
- 7=COM1_PWR
- 8=COM2_PWR
- 9=+12V
- 10=+12V



C8 TPM Header (LPC)

Pin Assignments (JP1):

- 1=+12V
- 2=5V
- 3=5VSB
- 4=SERIRQ
- 5=CLK_48M
- 6=CLK_33M
- 7=SIORST#
- 8=LFRAME
- 9=LAD3
- 10=LAD2
- 11=NC
- 12=3VSB
- 13=RI
- 14=LDRQ
- 15=PME
- 16=LAD1
- 17=LAD0
- 18=+3.3V
- 19=GND
- 20=NC



Safety Information

Read the following precautions before setting up a Shuttle XPC.

CAUTION
Incorrectly replacing the battery may damage this computer.
Replace only with the same or equivalent as recommended by Shuttle.
Dispose of used batteries according to the manufacturer's instructions.

Laser compliance statement

The optical disc drive in this PC is a laser product.
The drive's classification label is located on the drive.

CLASS 1 LASER PRODUCT

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN.
AVOID EXPOSURE TO BEAM.

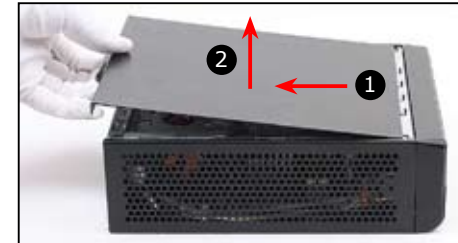
A. Begin Installation

For safety reasons, please ensure that the power cord is disconnected before opening the case.

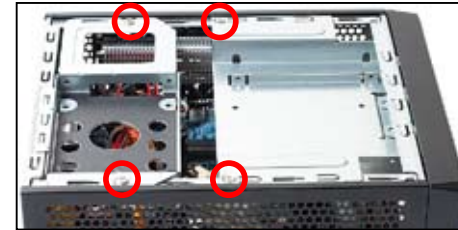
1. Unscrew the two thumbscrews of the chassis cover.



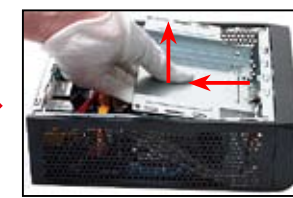
2. Slide the cover backwards and upwards.



3. Unfasten the racks mount screws and remove the racks.



HDD Rack

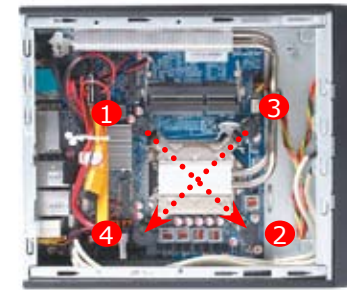


ODD Rack

B. CPU and ICE Module Installation

1. Unfasten the four ICE module attachment screws.

Rotating the fastener along the direction of arrow is to remove the ICE module, on the contrary, is to install.

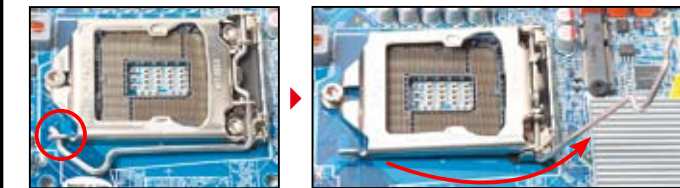


2. Remove the ICE module from the chassis and put it aside.

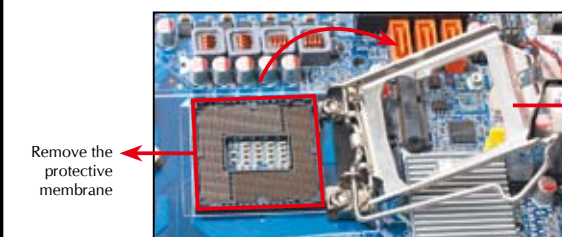
Please note this 1155 pin socket bends easily. Always apply extreme care and little force when installing a CPU and limit the number of times you remove or exchange it. Before installation, make sure to turn off the computer and unplug the power cord from the mains to avoid damage.

Follow the steps below to correctly install the CPU into the motherboard CPU socket.

3. First unlock and raise the socket lever.

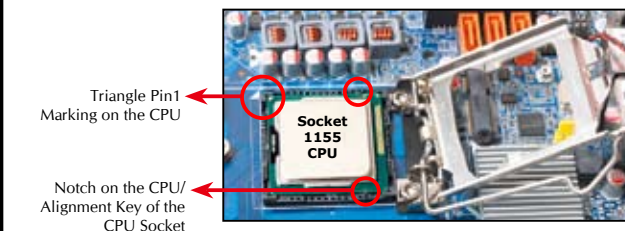


4. Lift the metal load plate on the CPU socket. Tear off the protective membrane from the bottom of ICE module. Remove the protective socket mylar from the CPU socket.



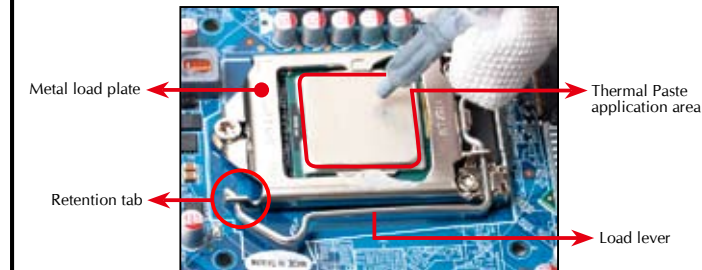
DO NOT touch socket contacts. To protect the CPU socket, always replace the protective socket cover when the CPU is not installed.

5. Orientate the CPU and socket and please align the CPU notches with the socket alignment keys. Make sure the CPU is perfectly horizontal, insert it into the socket.



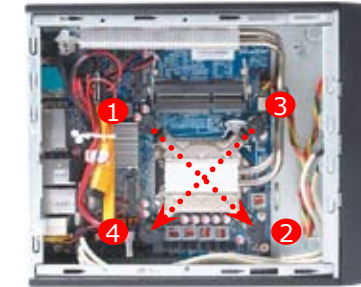
Please be aware of the CPU orientation, DO NOT force the CPU into the socket to avoid bending of pins on the socket and damage of CPU!

6. Close the metal load plate, lower the CPU socket lever and lock in place.
7. Spread thermal paste evenly on the CPU surface.



Please do not apply excess amount of thermal paste.

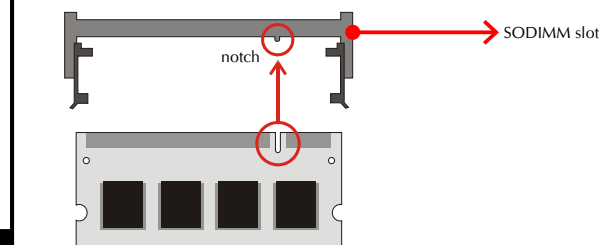
8. Screw the ICE module to the mainboard. Note to press down on the opposite diagonal corner while tightening each screw.



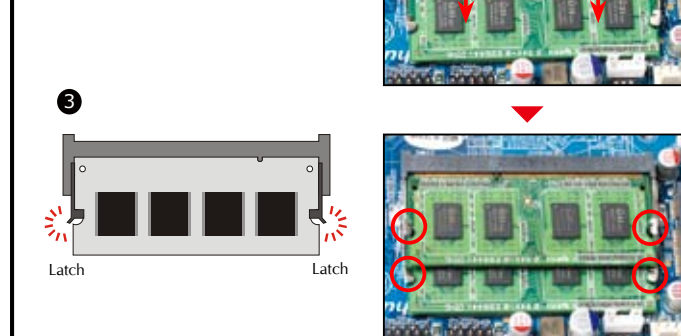
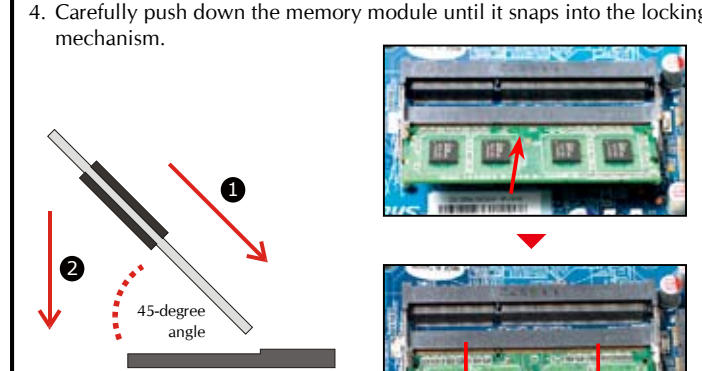
C. Memory Module Installation

1. Locate the SODIMM slot on the mainboard.

2. Align the notch of the memory module with the one of the memory slot.



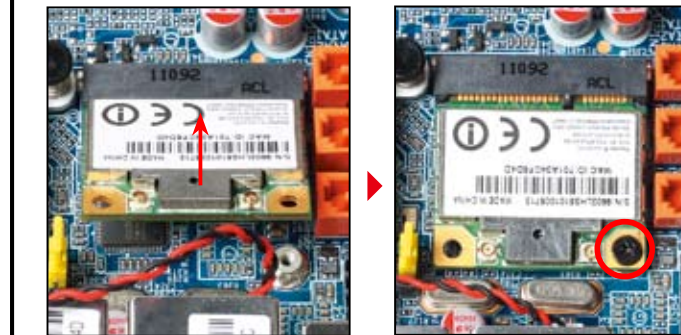
3. Gently insert the module into the slot in a 45-degree angle.



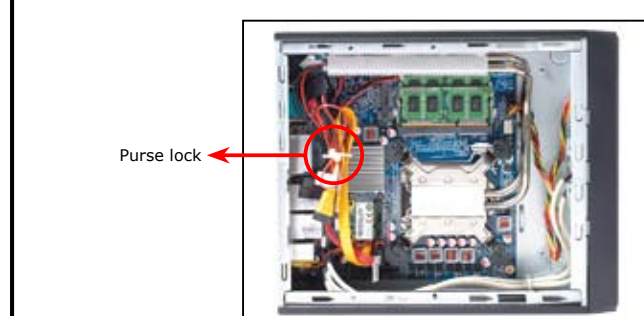
5. Repeat the above steps to install additional memory modules, if required.

D. Component Installation

1. Install the Mini PCIE card into the Mini PCIE slot and secure with screws.



2. Untie all cables for easier installation.



3. Place the slimline DVD drive in the rack and fasten it with the four screws from the sides.



4. Slide the rack downward and forward and refasten it using the two screws.



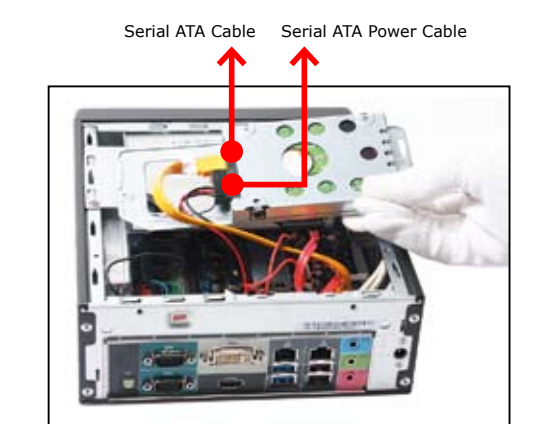
5. Connect the ODD cable and power cable to optical drive.



6. Place the HDD in the rack and secure with the four screws from the side.



7. Connect the Serial ATA and power cables to the HDD.



8. Slide the rack in the chassis and refasten the two screws.



E. Complete

1. Replace the cover and refasten the thumbscrews.



2. Complete.



Please load the optimized BIOS settings.